

10/12/01
JC772 U.S. PTO

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PTO/SB/05 (08-00)

1C588 U.S. PTO
09/767870
01/24/01

Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 275]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets]
5. Unexecuted Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76.

| | |
|------------------------|---|
| Attorney Docket No. | PT010P1 |
| First Inventor | Ruben et al. |
| Title | ABC Transport Polynucleotides, Polypeptides, and Antibodies |
| Express Mail Label No. | |

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Request under 37 CFR 1.821(e)

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet and document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement/ Form PTO/SB/08
 Copies of Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(should be specifically itemized)
15. Certified copy of Priority Document(s)
(if foreign priority is claimed)
16. Other:

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-Part (CIP) of prior application No: PCT/US00/19736, filed July 20, 2000 which claims benefit under 35 U.S.C. § 119(e) based on U.S. Provisional Applications Nos. 60/145,215 filed July 23, 1999; 60/149,445 filed August 18, 1999; and 60/164,730 filed November 12, 1999.

Prior application information: *Examiner:* *Group/Art Unit:*
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label **22195** or Correspondence address below

| | | | | |
|-------------------|--|----------|--|--|
| NAME | | | | |
| ADDRESS | | | | |
| CITY | STATE | ZIP CODE | | |
| COUNTRY | TELEPHONE | FAX | | |
| NAME (Print/Type) | Registration No. (Attorney/Agent) 40,302 | | | |
| SIGNATURE | Date January 24, 2001 | | | |

r Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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**FEET TRANSMITTAL
for FY 2001**

Complete if Known

Patent fees are subject to annual revision.

Total amount of payment **(\$746.00)**

| | |
|------------------------|-------------------------|
| Application Number | Unassigned |
| Filing Date | January 24, 2001 |
| First Named Inventor | Ruben et al. |
| Examiner Name | |
| Group Art Unit | |
| Attorney Docket Number | PT010P1 |

METHOD OF PAYMENT (CHECK ONE)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account **08-3425**

Number

Deposit Account **Human Genome Sciences, Inc.**
Name

Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17

Applicant claims small entity status

See 37 CFR 1.27

Payment Enclosed:

Check Credit Card Money Order Other

Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. **08-3425**

FEE CALCULATION (CONTINUED)

3. ADDITIONAL FEES

| Large Entity Fee Code | Entity Fee Code | Small Entity Fee Code | Fee (\$) | Fee (\$) | Fee Description | Fee Paid |
|-----------------------------|-----------------------|-----------------------------|-------------|-------------|--|----------|
| 105 | 130 | 205 | 65 | | Surcharge - late provisional filing fee or cover sheet | |
| 127 | 50 | 227 | 25 | | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | | For filing a request for <i>ex parte</i> reexamination | |
| 112 | 920 | 112 | 920 | | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840 | 113 | 1,840 | | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | | Extension for reply within first month | |
| 116 | 390 | 216 | 195 | | Extension for reply within second month | |
| 117 | 890 | 217 | 445 | | Extension for reply within third month | |
| 118 | 1,390 | 218 | 695 | | Extension for reply within fourth month | |
| 128 | 1,890 | 228 | 945 | | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | | Notice of Appeal | |
| 120 | 310 | 220 | 155 | | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | | Petition to revive -unavoidable | |
| 141 | 1,240 | 241 | 620 | | Petition to revive - unintentional | |
| 142 | 1,240 | 242 | 620 | | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | | Design issue fee | |
| 144 | 600 | 244 | 300 | | Plant issue fee | |
| 122 | 130 | 122 | 130 | | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | | Petitions related to provisional applications | |
| 126 | 240 | 126 | 240 | | Submission of Information Disclosure Statement | |
| 581 | 40 | 481 | 40 | | Recording each patent assignment per property (times number of properties) | |
| 146 | 710 | 246 | 355 | | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 149 | 710 | 249 | 355 | | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 179 | 710 | 279 | 355 | | Request for Continued Examination (RCE) | |
| 169 | 190 | 169 | 900 | | Request for expedited examination of a design application | |

Other fee (specify):

Other fee (specify):

Reduced by Basic Filing Fee Paid

Subtotal (3)

\$

| Large Entity Fee Code | Entity Fee Code | Small Entity Fee Code | Entity Fee Code | Fee Description |
|-----------------------------|-----------------------|-----------------------------|-----------------------|---|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 80 | 202 | 40 | Independent claims in excess of 3 |
| 104 | 270 | 204 | 135 | Multiple dependent claim |
| 108 | 80 | 209 | 40 | **Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent |

Subtotal (2) **(\$746.00)**

Submitted By

Complete (if applicable)

Name (Print/Type) **Kenley K. Hoover**

Registration No.: **40,302**

Telephone **301-309-8504**

Signature: 

Date **January 24, 2001**

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

01/26/2001 MROCHM1 00000053 003426 09767070

01 FC:101 710.00 CH
02 FC:103 36.00 CH

PTO-1556
(5/87)